

# Index to *The American Cartographer* Volumes 11 and 12 1984-1985

This index includes all principal articles and all news items published in Volume 11 (1984) and Volume 12 (1985) of *The American Cartographer*. An index is published at two-year intervals. Principal articles are indexed by title and author, other items by title only. Articles are referenced only by the first author's name. For the convenience of persons referring to unbound numbers of this journal, the issue number has been included after the volume number, followed by page numbers. The following summarizes page contents:

- Volume 11: April 1984, No. 1, (pages 1-96)  
October 1984, No. 2, (pages 97-192)  
Supplement, Summer 1984 (pages 1-100)
- Volume 12: April 1985, No. 1, (pages 1-96)  
October 1985, No. 2, (pages 97-192)

## ARTICLES

- A Low-Error Conformal Map Projection for the 50 States, JOHN P. SNYDER, 11:1, 27-39
- Accumulation of Thematic Map Errors in Digital Overlay Analysis, JEFFREY A. NEWCOMER and JOHN SZAJGIN, 11:1, 58-62
- ADAMS, BYRON R., Transverse Cylindrical Stereographic and Conical Stereographic Projections, 11:1, 40-48
- ANTES, JAMES R., KANG-TSUNG CHANG, and CHAD MULLIS, The Visual Effect of Map Design: An Eye-Movement Analysis, 12:2, 143-55
- Applying the SYMAP Algorithm for Surface Compatibility and Comparative Analysis of Areal Data, JOHN T. MATSON, 12:2, 113-21
- Assessment of Line-Generalization Algorithms Using Characteristic Points, ELLEN R. WHITE, 12:1, 17-27
- Base Data on Thematic Maps, DENNIS E. FITZSIMONS, 12:1, 57-61
- Cartographic Contouring with Computer and Plotter, PINHAS YOELI, 11:2, 139-55
- CASTNER, HENRY W. and J. RONALD EASTMAN, Eye-Movement Parameters and Perceived Map Complexity—I, 11:2, 107-17
- CASTNER, HENRY W. and J. RONALD EASTMAN, Eye-Movement Parameters and Perceived Map Complexity—II, 12:1, 29-40
- Comparison of Qualitative Point Symbols, ROBERT LLOYD and THEODORE STEINKE, 12:2, 156-68
- Computer-Produced Unclassed Bivariate Choropleth Maps, STEPHEN LAVIN and J. CLARK ARCHER, 11:1, 49-57
- Distance-Related Maps, ARIBERT B. PETERS, 11:2, 119-31
- Evaluating a Map's Image, MICHAEL P. PETERSON, 12:1, 41-55
- Eye-Movement Parameters and Perceived Map Complexity—I, HENRY W. CASTNER and J. RONALD EASTMAN, 11:2, 107-17

- Eye-Movement Parameters and Perceived Map Complexity—II, HENRY W. CASTNER and J. RONALD EASTMAN, 12:1, 29-40
- FITZSIMONS, DENNIS E., Base Data on Thematic Maps, 12:1, 57-61
- KIMERLING, A. JON, The Comparison of Equal-Value Gray Scales, 12:2, 132-42
- LAVIN, STEPHEN and J. CLARK ARCHER, Computer-Produced Unclassed Bivariate Choropleth Maps, 11:1, 49-57
- LLOYD, ROBERT and THEODORE STEINKE, Comparison of Qualitative Point Symbols, 12:2, Map-Projection Graphics from a Personal Computer, JOHN P. SNYDER, 11:2, 132-38
- MATSON, JOHN T., Applying the SYMAP Algorithm for Surface Compatibility and Comparative Analysis of Areal Data, 12:2, 113-21
- MORGAN, JOSEPH R., Southeast Asian Place Names: Some Lessons Learned, 11:1, 5-13
- NEWCOMER, JEFFREY A. and JOHN SZAJGIN, Accumulation of Thematic Map Errors in Digital Overlay Analysis, 11:1, 58-62
- PETERS, ARIBERT B., Distance-Related Maps, 11:2, 119-31
- PETERSON, MICHAEL P., Evaluating a Map's Image, 12:1, 41-55
- PETRICH, M. and W. TOBLER, The Globular Projection Generalized, 11:2, 101-05
- Piecewise Linear Rubber-Sheet Map Transformation, MARVIN S. WHITE, JR. and PATRICIA GRIFFIN, 12:2, 123-31
- Small-Scale Climate Maps: A Sensitivity Analysis of Some Common Assumptions Associated with Grid-Point Interpolation and Contouring, CORT J. WILLMONT, CLINTON M. ROWE, and WILLIAM D. PHILPOT, 12:1, 5-16
- SNYDER, JOHN P., A Low-Error Conformal Map Projection for the 50 States, 11:1, 27-39
- SNYDER, JOHN P., Map-Projection Graphics from a Personal Computer, 11:2, 132-38
- Southeast Asian Place Names: Some Lessons Learned, JOSEPH R. MORGAN, 11:1, 5-13

- Technical Requirements and Standards for a Multipurpose Geographic Data System, MARVIN S. WHITE, JR., 11:1, 15-26
- The Comparison of Equal-Value Gray Scales, A. JON KIMERLING, 12:2, 132-42
- The Globular Projection Generalized, M. PE-TRICH and W. TOBLER, 11:2, 101-05
- The Visual Effect of Map Design: An Eye-Movement Analysis, JAMES R. ANTES, KANG-TSUNG CHANG, and CHAD MULLIS, 12:2, 143-55
- Transverse Cylindrical Stereographic and Conical Stereographic Projections, BYRON R. ADAMS, 11:1, 40-48
- WHITE, ELLEN R., Assessment of Line Generalization Algorithms Using Characteristic Points, 12:1, 17-27
- WHITE, MARVIN S., JR., and PATRICIA GRIF-FIN, Piecewise Linear Rubber-Sheet Map Transformation, 12:2, 123-31
- WHITE, MARVIN S., JR., Technical Require-ments and Standards for a Multipurpose Geo-graphic Data System, 11:1, 15-26
- WILLMONT, CORT J., CLINTON M. ROWE, and WILLIAM D. PHILPOT, Small-Scale Climate Maps: A Sensitivity Analysis of Some Common Assumptions Associated with Grid-Point Interpolation and Contouring, 12:1, 5-16
- YOELI, PINHAS, Cartographic Contouring with Computer and Plotter, 11:2, 139-55

#### BOOK NOTES

- A Checklist of Canadian Copyright Deposits in the British Museum, 1895-1923, Volume 1—Maps, 12:1, 86
- A Guide to Information Sources in the Geograph-ical Sciences, 12:1, 86
- A Survey of Research in Physical Geography, 11:2, 186
- An Atlas of World Affairs, 12:2, 185
- Atlas of East Kalimantan, Indonesia, 12:1, 85
- BASIC Programs for Land Surveying, 12:2, 185
- Bibliography of Geography, 11:2, 187
- Cartographica, Monograph 31, 12:1, 85
- Computers in Cartography, 12:1, 85
- EDIS 83, 12:1, 86
- End to End: Topographic Maps of Vermont's Long Trail, 12:2, 185
- Energy Resources of British Columbia, 11:2, 186
- George Gauld: Surveyor and Cartographer of the Gulf Coast, 11:1, 96
- Guide for a Small Map Collection, 12:1, 86
- International Yearbook of Cartography, 1982, 11:1, 96
- Irish Map History: A Select Bibliography of Sec-ondary Works, 1850-1983, on the History of Cartography in Ireland, 11:2, 186
- Kister's Atlas Buying Guide: General English-Language World Atlases Available in North America, 11:2, 187
- Land Use/Land Cover and Environmental Photoin-terpretation Keys, 12:1, 86
- Map User's Source Book, 11:1, 96
- Minority Toponyms on Maps: The Rendering of Linguistic Minority Toponyms on Topographic Maps of Western Europe, 11:1, 96
- Maps & Compasses: A User's Handbook, 12:2, 185
- Metropolitan Atlas Series, 12:1, 85
- National and Regional Atlases: A Bibliographic Survey, 12:2, 184
- New York State Atlas, 12:1, 86
- Pennsylvania Atlas: A Thematic Atlas of the Key-stone State, 11:2, 187
- Prairie Mosaic: An Ethnic Atlas of Rural North Dakota, 12:1, 85
- State Map Library, 12:1, 86
- State Maps on File, 12:2, 184-85
- Step in the Right Direction: A Basic Map and Com-pass Book, 11:2, 187
- The Atlas of Vermont Trout Ponds, 11:2, 187
- The Map Collector, 12:2, 185
- The Mapping of Scotland, 11:2, 187
- The Mysteries of the "Frenchman's Map" of Wil-liamsburg, Virginia, 12:2, 184
- The New Shell Guide to Britain, 12:2, 185
- Topographic Mapping of the Americas, Australia, and New Zealand, 11:2, 187

#### CARTOGRAPHIC NEWS

- AAG Publishes Proceedings on Maps for the Blind, 11:1, 39
- ACSM-ASP Fall Convention, 12:1, 16
- American Cartographer in Library of Congress Ex-periment, 11:1, 57
- Auto Carto London 1986, 12:2, 142
- Canadians to Meet in London, Ontario, 11:1, 39
- Facsimile Edition of Ptolemy's *Cosmography*, 11:1, 48
- Ferguson Map Company Expands, 12:1, 68
- Guide To U.S. Map Resources, 12:1, 68
- Historians of Cartography to Meet in Ottawa, 11:2, 164
- International Symposium on Spatial Data Han-dling, 12:1, 84
- Journal To Be Published Quarterly And Distrib-uted To ACA Members, 12:1, 28
- Library of Congress Book on Railroad Maps, 11:2, 164
- Map Sources Directory Revised, 11:2, 171
- Mapping Sciences And Remote Sensing Journal, 12:1, 68
- NACIS Annual Meeting 1985, 12:2, 142
- NACIS to Meet in Pittsburgh, 11:1, 39
- New Associate Editors, 12:2, 121
- New Doctoral Program, 11:2, 117
- New Editor, 11:1, 105
- New Masters Program, 12:1, 68
- New Technical Notes Editor, 11:2, 138
- Second Edition of Remote Sensing Manual, 11:1, 57
- Software Reviews, 12:1, 56
- Successful Symposium Addresses Cartographic Marketing, 11:2, 171
- Third UN Regional Cartographic Conference for the Americas, 12:2, 173
- USGS Reprints Map Projection Handbook, 11:2, 39

#### COMMUNICATIONS FROM READERS

- Former Editor Protests Censorship, MARK S. MONMONIER, 12:1, 69-70

The Rendering of Place Names: A Comment, THEODORE SHABAD, 11:2, 169-70

## ICA

ICA Conference to be Held in Mexico, 12:2, 188  
Report on ICA Meeting: Perth 1984, ANDREW V. DOUGLAS, 11:2, 165-68  
Special Issue: U.S. National Report to ICA, 1984, JUDY M. OLSON, Editor, Supplement to Vol. 11, Summer 1984, 100 pp.

## RECENT LITERATURE

11:2, 188-91  
12:1, 87-93  
12:2, 186-88

## REVIEWS

*Anchorage Coastal Resource Atlas, Volume Four, Fire Island, Alaska*, Tony Burns (PAUL V. CRAWFORD), 11:1, 83-84  
*Atlas of Marine Policy in Southeast Asian Seas*, Joseph R. Morgan and Mark J. Valencia (WARD BARRETT), 12:1, 82-83  
*Atlas of Hawaii*, R. Warwick Armstrong (ROBERT L. WILLIAMS), 12:2, 182-83  
*Atlas of the Lewis & Clark Expedition—The Journals of the Lewis and Clark Expedition, Volume 1*, Gary E. Moulton (GEORGE KISH), 12:1, 80  
*Atlas of the 20th Century*, Richard Natkiel (EVERETT A. WINGERT), 11:2, 181-82  
*California Patterns: A Geographical and Historical Atlas*, David Hornbeck (RICHARD D. WRIGHT), 12:1, 76-77  
*Canadian Atlantic Offshore Fishery Atlas*, D. J. Scarratt (MICHAEL P. PETERSON), 11:2, 183-84  
*Cartographic Relief Representation*, Edward Imhof (DAN IRWIN), 11:1, 86-87  
*Chicago Mapmakers: Essays on the Rise of the City's Map Trade*, Michael P. Conzen (ARTHUR H. ROBINSON), 12:2, 178-79  
*Colourproofing in Cartography*, Christer Palm (EUGENE TURNER), 11:2, 180-81  
*Computer Applications in Petroleum Geology*, Joseph E. Robinson (JOHN C. DAVIS), 11:2, 178-79  
*Early Maps*, Tony Campbell (THOMAS R. SMITH), 12:1, 78-80  
*Early Sea Charts*, Robert Putman (THOMAS R. SMITH), 12:1, 78-80  
*Early Thematic Mapping in the History of Cartography*, Arthur H. Robinson (JOHN C. SHERMAN), 11:1, 80-81  
*English Map-Making, 1500-1650: Historical Essays*, Sarah Tyacke (NORMAN J. W. THROWER), 11:2, 182-83  
*Fish in Lake Michigan*, Lawrence M. Sommers (MICHAEL P. PETERSON), 11:2, 183-84  
*Graphic Communication and Design in Contemporary Cartography*, D. R. Fraser Taylor (KANG-TSUNG CHANG), 11:2, 176-77  
*Imagery*, Ned Block (MICHAEL W. DOBSON), 11:2, 178

*Introductory Cartography*, John Campbell (ROBERT B. McMASTER), 12:1, 72-74  
*La Population Française, 1980 and Activité et Habitat*, 1981, IGN and INSEE (JEAN-CLAUDE MULLER), 11:1, 91-92  
*Lost Islands: The Story of Islands that Have Vanished from Nautical Charts*, Henry Stommel (NORMAN J. W. THROWER), 12:2, 180-81  
*Making Maps*, Christopher Green (JEFFREY C. PATTON), 12:2, 183-84  
*Map Projections Used by the U.S. Geological Survey*, John P. Snyder (GEORGE F. McCLEARY, JR.), 12:1, 75-76  
*Map Uses, Scales, and Accuracies for Engineering and Associated Purposes*, ASCE (WILLIAM M. MAYNARD), 11:2, 185-86  
*Mapping and Topographic Drafting*, John Bies and Robert Long (LAURENCE W. CARSTENSEN, JR.), 12:2, 179-80  
*Mapping Information: The Graphic Display of Quantitative Information*, Howard T. Fisher (PATRICIA P. GLIMMARTIN), 11:2, 172-73  
*Maps: A Guide to Innovative Design*, Gershon Weltman (DENIS WOOD), 11:1, 81-83  
*Maps: A Visual Survey and Design Guide*, Michael and Susan Southworth (DENIS WOOD), 11:1, 81-83  
*Maps of Africa: An Illustrated and Annotated Carto-Bibliography*, Oscar I. Norwich (DENNIS E. FITZSIMONS), 12:1, 83-84  
*Maptime . . . U.S.A.*, Jerry Aten (JEFFREY C. PATTON), 12:2, 183-84  
*Michigan Political Atlas*, Richard Groop and others (JOIS C. CHILD), 12:2, 181-82  
*Missouri Water Atlas*, Walter A. Schroeder (THEODORE R. STEINKE), 11:1, 94-95  
*New England Prospect: A Loan Exhibition of Maps at the Currier Gallery of Art*, Peter Benes (W. F. H. NICOLAISEN), 11:2, 177-78  
*New England Prospect: Maps, Place Names, and the Historical Landscape*, Peter Benes (W. F. H. NICOLAISEN), 11:2, 177-78  
*Österreichischer Städteatlas*, Felix Czeike, Renate Banik-Schweitzer, and Ferdinand Opll (F. J. ORMELING), 11:2, 184-85  
*Phanerozoic Paleogeographic World Maps*, A. G. Smith (DWIGHT BROWN), 11:2, 185  
*Principles of Thematic Map Design*, Borden D. Dent (TERRY A. SLOCUM), 12:2, 177-78  
*Railroad Maps of North America: The First Hundred Years*, Andrew M. Modelski (I. E. QUASTLER and KATHLEEN K. QUASTLER), 12:1, 82  
*Ryder's Standard Geographic Reference: The United States of America*, Ryder Geosystems (JUDY M. OLSON), 11:1, 92-93  
*Semiology of Graphics: Diagrams, Networks, Maps*, Jacques Bertin (BARBARA B. PETCHENIK), 12:1, 71-72  
*Statistical Applications in the Spatial Sciences*, Neil Wrigley (NINA SIU-NGAN LAM), 11:1, 89-90  
*The Arizona Atlas*, Melvin E. Hecht and Richard W. Reeves (CARLETON W. COX), 11:1, 93-94  
*The Hammond-Harwood House Atlas of Historical*

- Maps of Maryland, 1608-1908*, Edward C. Papenfuse and Joseph M. Coale III (JOSEPH W. WIEDEL), 11:1, 87-88
- The Historical Atlas of United States Congressional Districts: 1789-1983*, Kenneth C. Martis (J. ARCHER CLARK), 11:1, 84-85
- The Language of Maps*, Haig Rushdoony (JEFFREY C. PATTON), 12:2, 183-84
- The Map Corner*, Arnold Cheyney and Donald L. Capone (JEFFREY C. PATTON), 12:2, 183-84
- The Navajo Atlas: Environments, Resources, People, and History of the Diné Bikeyah*, James M. Goodman (SONA KARENTZ ANDREWS), 11:1, 90-91
- The Rhode Island Atlas*, Marion I. Wright and Robert J. Sullivan (DAVID J. CUFF), 12:1, 77-78
- The Visual Display of Quantitative Information*, Edward R. Tufte (TERRY A. SLOCUM), 11:2, 175-76
- The War Atlas: Armed Conflict-Armed Peace*, Michael Kidron and Dan Smith (PHILIP W. PORTER AND MICHAEL CURRY), 12:1, 74-75
- Thematic Maps: Their Design and Production/Instructor's Manual*, David J. Cuff and Mark T. Mattson (ALAN M. MacEACHREN), 11:2, 173-75
- This Remarkable Continent: An Atlas of United States and Canadian Society and Cultures*, John F. Rooney, Jr., Wilbur Zelinsky, and Dean R. Louder (RICHARD E. GROOP), 11:1, 85-86
- United States Coastal Charts, 1783-1861*, Peter J. Guthorn (JOHN P. SNYDER), 12:1, 80-81

## SOFTWARE REVIEWS

- Desktop Information Display System (DIDS),

- Sammamish Data Systems (RICHARD E. GROOP), 12:2, 174-76

## TECHNICAL NOTES

- A Fast Rubber-Sheeting Transformation Using Simplicial Coordinates, ALAN SAALFELD, 12:2, 169-73
- A Painting Technique for Single-Copy Color-Map Generation, JUDY M. OLSON, 11:2, 156-59
- Relief-Model Symbolization, CHARLES CURTIS RYERSON, 11:2, 160-64
- Relief Modulated Thematic Mapping by Computer, DENIS WHITE, 12:1, 62-67
- Spreads and Chokes: Cartographic Applications and Procedures, THOMAS W. HODLER and ROY DOYON, 11:1, 63-69
- The Peak-Pit-Pass Polygon Line-Shading Procedure, ROBERT G. CROMLEY, 11:1, 70-79

## VIEWS AND OPINIONS

- Arno Peters and His New Cartography, ARTHUR H. ROBINSON, 12:2, 103-111

## MISCELLANEOUS

- Advertising in *The American Cartographer*, 11:1, 96
- Advertising in *The American Cartographer*, 11:2, 192
- Advertising in *The American Cartographer*, 12:1, 93
- Advertising in *The American Cartographer*, 12:2, 192
- Editorial Report, MARK S. MONMONIER, 11:2, 118
- Guidelines for Contributors, 12:1, 94-96

# Advertising in "The American Cartographer"

To assist members in keeping abreast of new developments in cartographic instruments, equipment, and services as well as to afford suppliers of such items an advertising medium ideally suited for their market, the pages of *The American Cartographer* are open to commercial advertising. For rates and data, write or call: Publications Director, American Congress on Surveying and Mapping, 210 Little Falls St., Falls Church, Va. 22046. (703) 241-2446.

Bausch and Lomb	122
Carl Zeiss	Cover 2-97
Energy Images	Cover 3
Kern	98-99, 102

Macmillan	112
Stonetree	111
Wild Heerbrugg	Cover 4

